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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Jianrong Shen

Serial No.: 10/733,379

Group Art Unit: 2859

Filed: December 12, 2003 **Examiner:** Stanley J. Pruchnic

For: COATING DRY ESTIMATING METHOD, COATING DRY ESTIMATING SYSTEM AND RECORDING MEDIUM

Honorable Commissioner of Patents
Alexandria, VA 22313 - 1450

APPLICANT'S INTERVIEW SUMMARY

Applicant appreciates the courtesies extended to Applicant's representative during a personal interview on October 18, 2005.

During the personal interview:

1. No exhibit was shown and no demonstration was conducted.
2. Independent claims 1 and 13-14 were discussed.
3. The Handel et al. reference was discussed.
4. The clarifying amendments made to claim 1 were discussed.
5. During the personal interview, the Applicant's representative explained that the present invention is capable of accurately calculating an integrated value of an amount of heat applied to the coating.

In other words, rather than monitoring the temperatures within a drying chamber and/or the temperature of a part within the drying chamber and controlling those temperatures such that they follow a temperature profile, the present invention is capable of controlling a system based upon the amount of heat that is applied to the coating. In this manner, the present invention provides methods and systems which much more accurately estimate the

drying time for a coating on a coating target.

Applicant's representative further explained that the Handel et al. reference does not teach or suggest the features of the claimed invention including: 1) calculating temperature data indicating transition of a temperature distribution of a coating target; 2) calculating the temperature data with a time lapse; 3) calculating an integrated value of an amount of heat applied to the coating; 4) calculating the integrated valued based upon the temperature data; and 5) estimating the dry state of the coating based upon the integrated value of the amount of heat applied to the coating. As explained above, these features are important for providing a highly precise estimation of the dry state of a coating on a coating target.

6. No other pertinent matters were discussed.

7. Results of the Interview:

The Examiner agreed that the Handel et al. reference does not teach or suggest the features of the claimed invention including: 1) calculating temperature data indicating transition of a temperature distribution of a coating target; 2) calculating the temperature data with a time lapse; 3) calculating an integrated value of an amount of heat applied to the coating; 4) calculating the integrated valued based upon the temperature data; and 5) estimating the dry state of the coating based upon the integrated value of the amount of heat applied to the coating.

Should the Examiner find the Application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

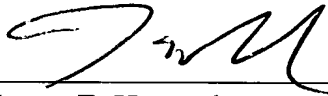
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The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Attorney's Deposit Account No. 50-0481.

Respectfully Submitted,

Date: 10/25/05



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